



IAP12 Rec'd PCT/PTO 04 JUN 2007

PCT#

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|---|----|------------------------|---------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application No. | 10/584419 |
| | | Filing Date | June 23, 2006 |
| | | First Named Inventor | Hyun Lee |
| | | Art Unit | |
| | | Examiner Name | |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | 51876P1112 |

| ENCLOSURES (check all that apply) | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input checked="" type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">copy of notice; postcard</div> |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Eric S. Hyman, Reg. No. 30,139 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature | |
| Date | 5/31/07 |

| CERTIFICATE OF MAILING/TRANSMISSION | | | |
|--|----------|------|---------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | |
| Typed or printed name | Vi Hoang | | |
| Signature | | Date | 5/31/07 |



FEE TRANSMITTAL for FY 2006

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|---------------|
| Application Number | 10/584419 |
| Filing Date | June 23, 2006 |
| First Named Inventor | Hyun Lee |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | 51876P1112 |

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 65.00

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s)

☒ Credit any overpayments

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | 65.00 |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 2053 | 130 | 2053 | 130 | Non-English specification | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding | |
| 1460 | 130 | 2460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 1809 | 790 | 1809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| Other fee (specify) _____ | | | | | |
| SUBTOTAL (2) | | | | (\$) | 65.00 |

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---------------|--------------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Eric S. Hyman | Registration No. (Attorney/Agent) | 30,139 | Telephone | (310) 207-3800 |
| Signature | | Date | 5/31/07 | | |

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/ir) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

06/06/2007 GFREY1 00000099 10584419

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the application of:)
Hyun Lee, et al.) Examiner:
Application No.: 10/584419) Art Unit:
Filed: June 23, 2006)
For: APPARATUS AND METHOD FOR)
TRANSFORMING A DIGITAL TV BROADCASTING)
SIGNAL TO A DIGITAL RADIO BROADCASTING)
SIGNAL)

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements mailed March 5, 2007, please find enclosed:

- a Declaration and Power of Attorney;
- and
- a copy of the Notification of Missing Requirements.

A check in the amount of \$65 is enclosed for the surcharge. If any additional fee is required, please charge Deposit Account No. 02-2666. An extra copy of the Fee Transmittal is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 5/31, 2007

By: [Signature]
Eric S. Hyman Reg. No. 30,139

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on 5/31/07.

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(310) 207-3800

[Signature] 5/31/07
Vi Hoang Date



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| | | |
|---|-----------------------------------|--------------------------------|
| U.S. APPLICATION NUMBER NO. 10/584,419 | FIRST NAMED APPLICANT Hyun Lee | ATTY. DOCKET NO. 51876P1112 |
|---|-----------------------------------|--------------------------------|

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|---|
| INTERNATIONAL APPLICATION NO. PCT/KR04/02601 |
|---|

| | |
|--------------------------------|-----------------------------|
| I.A. FILING DATE 10/12/2004 | PRIORITY DATE 12/26/2003 |
|--------------------------------|-----------------------------|

Eric S Hyman
 Blakely Sokoloff Taylor & Zafman
 12400 Wilshire Boulevard 7th Floor
 Los Angeles, CA 90025

RECEIVED

APR 09 2007

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 LOS ANGELES

CONFIRMATION NO. 9448

371 FORMALITIES LETTER



OC000000023248784

Date Mailed: 04/05/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/23/2006
- Copy of the International Search Report filed on 06/23/2006
- Copy of IPE Report filed on 06/23/2006
- Preliminary Amendments filed on 06/23/2006
- Information Disclosure Statements filed on 10/06/2006
- U.S. Basic National Fees filed on 06/23/2006
- Priority Documents filed on 06/23/2006
- Specification filed on 06/23/2006
- Claims filed on 06/23/2006
- Abstracts filed on 06/23/2006
- Drawings filed on 06/23/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/584,419 | PCT/KR04/02601 | 51876P1112 |